

Search: (FR2720003)/PN/XPN

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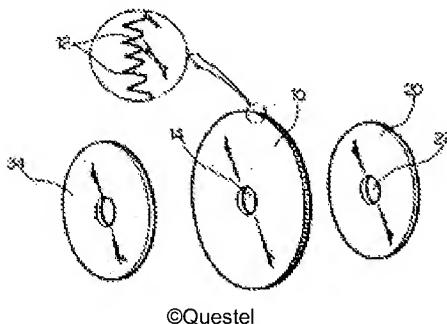
Patent Number: FR2720003 A1 19951124

**Instrument for perforating skin for transdermal medication**

**Index Terms:** INCISION; SKIN; ADMINISTRATION; DRUG; INSULIN; DISC; NEEDLE

(FR2720003)

The device has needle discs (10) with triangular main perforation needles (12) along their peripheral surfaces and a central shaft for holding the needle discs which are positioned behind each other along the shaft. The main needles are equidistant on the needle disc and spacers (20) are alternately positioned between the needle discs. A pair of end-plates (34) are positioned on opposite ends of the central shaft. One or more peripheral bars are parallel to the central shaft, through the needle discs.



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**Inventor:** JANG KWANG KYUN**Orig. Inventor:** JANG KWANG KYUN**Patent Assignee:** SAMSUNG ELECTRO MECH  
SANSEI ELECTRIC CORP**Orig. Applicant/Assignee:** SAMSUNG ELECTRO-MECHANICS CO., LTD.; 314,  
MAETAN-DONG, PALDAL-GU, SUWON, KYUNGKI-DO  
REPUBLIQUE DE COREE**Patent Assignee History:** (A1) SAMSUNG ELECTRO MECH (KR)

FamPat family	Publication Number	Kind	Publication date	Links
	FR2720003	A1	19951124	
	JP8150147	A	19960611	
	JP2551742	B2	19961106	
	FR2720003	B1	19980626	

STG: Application for patent of invention, (first publ.)  
AP : 1995FR-0006130  
19950523

STG: Doc. laid open to publ. inspec.  
AP : 1995JP-0124010  
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STG: Grant. Pat. With A from 2500000 on

STG: Patent of invention (second publication)

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